

## EAST Search History

| Ref # | Hits   | Search Query  | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|--------|---|--|------------------|---------|------------------|
| L1    | 637813 | epox\$6 diepox\$6 polyepox\$6 glycidyl\$ diglycidyl\$ polyglycidyl\$  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | ON      | 2007/12/07 13:46 |
| L2    | 7881   | (amine amino ammonium sulfonium phosphonium cationic) with L1 with (unsaturat\$ acryl\$5 methacryl\$5 croton\$5 itacon\$5 maleic maleate fumar\$5) with (adduct adducted adducting reaction reacted reacting) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | ON      | 2007/12/07 13:46 |
| L3    | 14033  | (polyisocyanat\$ diisocyanat\$ triisocyanat\$ ((poly di tri) adj2 (isocyanat\$))) near5 (block blocking blocked cap capped capping endcap endcapping endcapped)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | ON      | 2007/12/07 13:48 |
| L4    | 1044   | l2 and l3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | ON      | 2007/12/07 13:48 |
| L5    | 83224  | ((("UV" "u.v." ultraviolet photo photopolymeriz\$) near5 (initiator catalyst accelerator)) photoinitiator photocatalyst photoaccelerator  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | ON      | 2007/12/07 13:48 |
| L6    | 74379  | ((photo photopolymeriz\$) near5 (initiator catalyst accelerator)) photoinitiator photocatalyst photoaccelerator   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | ON      | 2007/12/07 13:48 |
| L7    | 83224  | L5 L6   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | ON      | 2007/12/07 13:49 |
| L8    | 334    | l2 and l3 and l7  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | ON      | 2007/12/07 13:49 |
| L9    | 334281 | curative hardener (cross adj2 linker) crosslinker ((curing hardening (cross adj2 linking) crosslinking) adj2 (agent promoter))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | ON      | 2007/12/07 13:50 |
| L10   | 213    | l2 and l3 and l7 and (L9 with (polyisocyanat\$ diisocyanat\$ triisocyanat\$ ((poly di tri) adj2 (isocyanat\$))))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | ON      | 2007/12/07 13:50 |
| L11   | 59     | nishiguchi-shigeo.in. nishiguchi-shigeo-\$in.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | ON      | 2007/12/07 15:57 |

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|     |        |  |  |    |    |                  |
|-----|--------|--|--|----|----|------------------|
| L12 | 114    | kamikado-koji.in. kamikado-koji-\$.in.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/12/07 15:57 |
| L13 | 84     | ijima-hideki.in. ijima-hideki-\$.in.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/12/07 15:57 |
| L14 | 12     | shimasaki-akihiko.in. shimasaki-akihiko-\$.in.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/12/07 15:57 |
| L15 | 164    | hiraki-tadayoshi.in. hiraki-tadayoshi-\$.in.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/12/07 15:57 |
| L16 | 356    | L11 L12 L13 L14 L15  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/12/07 15:57 |
| L17 | 34919  | kansai.as.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/12/07 15:57 |
| L18 | 35035  | L16 L17  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/12/07 16:17 |
| L19 | 14     | 118 and 110  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/12/07 16:17 |
| S3  | 580142 | epox\$6 diepox\$6 polyepox\$6 glycidyl\$ diglycidyl\$ polyglycidyl\$   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/12/20 14:19 |
| S4  | 473386 | silicone polysiloxane polyorganosiloxane polydiorganosiloxane<br>organopolysiloxane organosiloxane diorganopolysiloxane siloxane<br>organosilicone | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/06/30 11:23 |
| S5  | 304815 | curative hardener (cross adj2 linker) crosslinker ((curing hardening (cross adj2<br>linking) crosslinking) adj2 (agent promoter))                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/06/14 11:52 |

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|     |         |  |  |    |    |                  |
|-----|---------|--|--|----|----|------------------|
| S6  | 1175739 | amine amino diamine diamino triamine triamino polyamine polyamino  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/06/30 11:25 |
| S7  | 482919  | silicone polysiloxane polyorganosiloxane polydiorganosiloxane<br>organopolysiloxane organosiloxane diorganopolysiloxane siloxane<br>organosilicone | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/09/28 16:05 |
| S8  | 598627  | epox\$6 diepox\$6 polyepox\$6 glycidyl\$ diglycidyl\$ polyglycidyl\$   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/12/20 14:20 |
| S9  | 9735    | cationic with S8   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/12/20 16:20 |
| S10 | 12975   | (polyisocyanat\$ diisocyanat\$ triisocyanat\$) near5 (block blocking blocked cap<br>capped capping endcap endcapping endcapped)                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/06/05 10:16 |
| S11 | 37230   | ("UV" "u.v." ultraviolet photo photopolymeriz\$) near5 (initiator catalyst<br>accelerator)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/06/05 10:18 |
| S12 | 146     | S9 and S10 and S11   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/12/21 19:15 |
| S13 | 54      | nishiguchi-shigeo.in. nishiguchi-shigeo-\$in.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/12/20 14:25 |
| S14 | 104     | kamikado-koji.in. kamikado-koji-\$in.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/12/20 14:25 |
| S15 | 0       | ijima-hideki.in. iijama-hideki-\$in.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/12/20 14:25 |
| S16 | 78      | ijima-hideki.in. iijima-hideki-\$in.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/12/20 14:25 |

## EAST Search History

|     |        |  |  |    |    |                  |
|-----|--------|--|--|----|----|------------------|
| S17 | 12     | shimasaki-akihiko.in. shimasaki-akihiko-\$.in.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/12/20 14:26 |
| S18 | 153    | hiraki-tadayoshi.in. hiraki-tadayoshi-\$.in.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/12/20 14:26 |
| S19 | 2      | S13 and S14 and S16 and S17 and S18  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/12/20 14:28 |
| S20 | 333    | S13 S14 S16 S17 S18  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/06/14 14:14 |
| S21 | 4      | S12 and S20  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/12/20 14:32 |
| S22 | 452757 | unsaturat\$  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/12/20 14:33 |
| S23 | 47527  | S8 with S22  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/12/20 14:33 |
| S24 | 97     | S12 and S23  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/12/20 14:48 |
| S25 | 314711 | curative hardener (cross adj2 linker) crosslinker ((curing hardening (cross adj2 linking) crosslinking) adj2 (agent promoter)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/12/20 17:15 |
| S26 | 82     | ((S23 same (S25 S10)) (S23.ab. and (S25 S10).ab.)) and S10 and S11   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/12/20 14:58 |
| S27 | 268    | ((S8 same (S25 S10)) (S8.ab. and (S25 S10).ab.)) and S10 and S11 and S23   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/12/21 20:07 |

## EAST Search History

|     |        |   |  |    |    |                  |
|-----|--------|---|--|----|----|------------------|
| S28 | 201    | S27 and (cationic electrodeposit\$ electrocoat\$)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/12/20 16:02 |
| S29 | 51745  | ((amine amino ammonium sulfonium phosphonium cationic) with S8) and (S8 with (unsaturat\$ carboxyl\$ acryl\$ methacryl\$ croton\$ itacon\$ maleic maleate fumar\$ diisocyanat\$))                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/12/20 16:19 |
| S30 | 834    | S29 and S10 and (S11 photoinitiator photocatalyst photoaccelerator)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/12/20 16:21 |
| S31 | 231    | S29 and S10 and (S11 photoinitiator photocatalyst photoaccelerator) and S9  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/12/21 19:30 |
| S32 | 39367  | (amine amino ammonium sulfonium phosphonium cationic) with S8 with (unsaturat\$ carboxyl\$ acryl\$ methacryl\$ croton\$ itacon\$ maleic maleate fumar\$ diisocyanat\$)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/06/05 10:19 |
| S33 | 10815  | cationic with (S8 thermoset thermosetting)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/12/20 16:21 |
| S34 | 697    | S32 and S33 and S10   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/12/20 16:21 |
| S35 | 174    | S34 and (S11 photoinitiator photocatalyst photoaccelerator)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/12/20 16:21 |
| S36 | 1599   | ((S25 S10) same (thermoset thermosetting S8) same (S11 photoinitiator photocatalyst photoaccelerator)) ((S25 S10).ab. and (thermoset thermosetting S8).ab. and (S11 photoinitiator photocatalyst photoaccelerator).ab.) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/12/20 17:17 |
| S37 | 62     | S36 and S32 and S10   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/12/20 17:17 |
| S38 | 599047 | epox\$6 diepox\$6 polyepox\$6 glycidyl\$ diglycidyl\$ polyglycidyl\$  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/12/21 19:15 |

## EAST Search History

|     |        |   |  |    |    |                  |
|-----|--------|---|--|----|----|------------------|
| S39 | 9737   | cationic with S38   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/12/21 19:15 |
| S40 | 12980  | (polyisocyanat\$ diisocyanat\$ triisocyanat\$) near5 (block blocking blocked cap capped capping endcap endcapping endcapped)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/12/21 19:15 |
| S41 | 37265  | ("UV" "u.v." ultraviolet photo photopolymeriz\$) near5 (initiator catalyst accelerator)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/12/21 19:29 |
| S42 | 146    | S39 and S40 and S41   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/12/21 19:16 |
| S43 | 67148  | ((photo photopolymeriz\$) near5 (initiator catalyst accelerator)) photocatalyst photoinitiator photoaccelerator   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/12/21 19:30 |
| S44 | 51791  | ((amine-amino ammonium sulfonium phosphonium cationic) with S38) and (S38 with (unsaturat\$ carboxyl\$5 acryl\$5 methacryl\$5 croton\$5 itacon\$5 maleic maleate fumar\$5 diisocyanat\$)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/12/21 19:44 |
| S45 | 166    | S44 and S40 and S43 and S39   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/12/21 19:31 |
| S46 | 314895 | curative hardener (cross adj2 linker) crosslinker ((curing hardening (cross adj2 linking) crosslinking) adj2 (agent promoter))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/12/21 19:43 |
| S47 | 4073   | S40 with S46  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/12/21 19:44 |
| S48 | 244    | S43 and S47 and S44   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/12/21 19:44 |
| S49 | 39406  | (amine-amino ammonium sulfonium phosphonium cationic) with S38 with (unsaturat\$ carboxyl\$5 acryl\$5 methacryl\$5 croton\$5 itacon\$5 maleic maleate fumar\$5 diisocyanat\$)             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/12/21 19:45 |

## EAST Search History

|     |        |  |  |    |    |                  |
|-----|--------|--|--|----|----|------------------|
| S50 | 214    | S48 and S49  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/12/21 19:45 |
| S51 | 46     | S48 and S49 and S39  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/12/21 19:45 |
| S52 | 453016 | unsaturat\$  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/12/21 20:07 |
| S53 | 47554  | S38 with S52   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/12/21 20:07 |
| S54 | 314895 | curative hardener (cross adj2 linker) crosslinker ((curing hardening (cross adj2 linking) crosslinking) adj2 (agent promoter)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/12/21 20:07 |
| S55 | 441    | ((S38 same (S54 S40)) (S38.ab. and (S54 S40).ab.)) and S40 and S43 and S53   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/12/21 20:08 |
| S56 | 192    | S47 and S55  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/12/21 20:34 |
| S57 | 5996   | 525/523.ccls, 525/528.ccls, 525/529.ccls, 525/530.ccls, 525/531.ccls, 525/533.ccls, 523/400.ccls, 523/435.ccls.                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/12/21 20:36 |
| S58 | 6      | S57 and S55  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/12/22 07:55 |
| S59 | 4      | jp-99012660-\$.did. jp-09241533-\$.did. wo-9911169-\$.did.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/12/22 07:58 |
| S60 | 2      | wo-99012660-\$.did. jp-09241533-\$.did. jp-64011169-\$.did.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/12/22 07:58 |

# EAST Search History

|     |     |  |  |    |    |                  |
|-----|-----|--|--|----|----|------------------|
| S61 | 4   | wo-9912660-\$.did. jp-09241533-\$.did. jp-64011169-\$.did. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/12/22 07:59 |
| S62 | 4   | wo-9912660-\$.did. jp-09241533-\$.did. jp-6411169-\$.did.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/12/22 08:00 |
| S63 | 4   | wo-9912660-\$.did. jp-09241533-\$.did. jp-64011169-\$.did. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/12/22 08:09 |
| S64 | 0   | "64011169"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/12/22 08:01 |
| S65 | 4   | "6411169"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/12/22 08:02 |
| S66 | 0   | "64-11169"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/12/22 08:02 |
| S67 | 2   | "06411169"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/12/22 08:02 |
| S68 | 0   | jp-62164093-\$.did.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/12/22 08:04 |
| S69 | 0   | jp-062164093-\$.did.                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/12/22 08:06 |
| S70 | 0   | jp-620164093-\$.did.                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/12/22 08:05 |
| S71 | 301 | "11169"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/12/22 08:05 |
| S72 | 1   | "11169"  | JPO  | OR | ON | 2006/12/22 08:07 |



## EAST Search History

|     |         |   |  |    |    |                  |
|-----|---------|---|--|----|----|------------------|
| S73 | 0       | jp-362164093-\$.did.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/12/22 08:06 |
| S74 | 4       | wo-9912660-\$.did. jp-09241533-\$.did. jp-364011169-\$.did.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/12/22 08:06 |
| S75 | 4       | wo-9912660-\$.did. jp-09241533-\$.did. jp-36411169-\$.did.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/12/22 08:06 |
| S76 | 4       | wo-9912660-\$.did. jp-09241533-\$.did. jp-6411169-\$.did.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/12/22 08:06 |
| S77 | 0       | "164093"  | JPO  | OR | ON | 2006/12/22 08:07 |
| S78 | 3       | "164093"  | JPO;<br>DERWENT  | OR | ON | 2006/12/22 08:07 |
| S79 | 2       | jp-01011169-\$.did.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/12/22 08:09 |
| S80 | 13657   | (polyisocyanat\$ diisocyanat\$ triisocyanat\$ ((poly di tri) adj2 (isocyanat\$)))<br>near5 (block blocking blocked cap capped capping endcap endcapping<br>endcapped)                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/06/14 10:40 |
| S81 | 79147   | ((("UV" "u.v." ultraviolet photo photopolymeriz\$) near5 (initiator catalyst<br>accelerator)) photoinitiator photocatalyst photoaccelerator   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/12/07 13:48 |
| S82 | 617314  | epox\$6 diepox\$6 polyepox\$6 glycidyl\$ diglycidyl\$ polyglycidyl\$  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/06/05 10:19 |
| S83 | 41008   | (amine amino ammonium sulfonium phosphonium cationic) with S82 with<br>(unsaturat\$ carboxyl\$5 acryl\$5 methacryl\$5 croton\$5 itacon\$5 maleic maleate<br>fumar\$5 diisocyanat\$)     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/12/07 13:43 |
| S84 | 1245646 | amine amino diamine diamino triamine triamino polyamine polyamino   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/06/05 10:20 |
| S85 | 43616   | (S84 amine amino ammonium sulfonium phosphonium cationic) with S82 with<br>(unsaturat\$ carboxyl\$5 acryl\$5 methacryl\$5 croton\$5 itacon\$5 maleic maleate<br>fumar\$5 diisocyanat\$) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/06/14 10:40 |

## EAST Search History

|     |         |   |  |    |    |                  |
|-----|---------|---|--|----|----|------------------|
| S86 | 754     | S80 and S81 and S85   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/06/05 10:21 |
| S87 | 175222  | electrodeposit\$4 electroplat\$4 electrocoat\$4 electroless (electro adj3 (deposit\$4 plate plating plated coat\$4 less))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/06/14 10:41 |
| S88 | 337     | S86 and S87   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/06/05 10:24 |
| S89 | 34579   | S82 with (equivalent "equiv" "eq" "eew" "e.e.w.")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/06/14 10:42 |
| S90 | 152     | S88 and S89   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/06/14 13:42 |
| S91 | 13671   | (polyisocyanat\$ diisocyanat\$ triisocyanat\$ ((poly di tri) adj2 (isocyanat\$))) near5 (block blocking blocked cap capped capping endcap endcapping endcapped)                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/12/07 13:47 |
| S92 | 618601  | epox\$6 diepox\$6 polyepox\$6 glycidyl\$ diglycidyl\$ polyglycidyl\$  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/06/14 10:40 |
| S93 | 1248159 | amine amino diamine diamino triamine triamino polyamine polyamino   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/06/14 10:40 |
| S94 | 43746   | (S93 amine amino ammonium sulfonium phosphonium cationic) with S92 with (unsaturat\$ carboxyl\$5 acryl\$5 methacryl\$5 croton\$5 itacon\$5 maleic maleate fumar\$5 diisocyanat\$) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/06/14 11:43 |
| S95 | 175569  | electrodeposit\$4 electroplat\$4 electrocoat\$4 electroless (electro adj3 (deposit\$4 plate plating plated coat\$4 less))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/06/14 10:41 |
| S96 | 70814   | ((photo photopolymeriz\$) near5 (initiator catalyst accelerator)) photoinitiator photocatalyst photoaccelerator   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/06/14 10:50 |

## EAST Search History

|      |        |   |  |    |    |                  |
|------|--------|---|--|----|----|------------------|
| S97  | 34602  | S92 with (equivalent "equiv" "eq" "eew" "e.e.w.")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/06/14 10:43 |
| S98  | 273    | S91 and S94 and S95 and S96   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/06/14 10:51 |
| S99  | 121    | S91 and S94 and S95 and S96 and S97   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/06/14 10:47 |
| S100 | 88166  | ((photo photopolymeriz\$) near\$ (initiator catalyst accelerator)) photoinitiator photocatalyst photoaccelerator photoimag\$6 (photo adj2 imag\$6)                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/06/14 10:50 |
| S101 | 277    | S91 and S94 and S95 and S100  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/06/14 10:51 |
| S102 | 123    | S91 and S94 and S95 and S100 and S97  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/06/14 10:51 |
| S103 | 44200  | (S93 amine amino ammonium sulfonium phosphonium cationic ionic) with S92 with (unsaturat\$ carboxyl\$5 acryl\$5 methacryl\$5 croton\$5 itacon\$5 maleic maleate fumar\$5 diisocyanat\$) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/06/14 11:43 |
| S104 | 146212 | (polyisocyanat\$ diisocyanat\$ triisocyanat\$ ((poly di tri) adj2 (isocyanat\$)))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/06/14 11:45 |
| S105 | 4384   | (S103.ab. and S104.ab.) (S103 same S104)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/06/14 11:47 |
| S106 | 597    | S105 and S91 and S95  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/06/14 11:46 |
| S107 | 265    | S105 and S91 and S95 and S97  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/06/14 11:47 |

## EAST Search History

|      |        |  |  |    |    |                  |
|------|--------|--|--|----|----|------------------|
| S108 | 758    | (S103.ab. and S91.ab.) (S103 same S91)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/06/14 13:15 |
| S109 | 201    | S108 and S95 and S97   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/06/14 11:47 |
| S110 | 26     | S109 and S100  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/06/14 11:48 |
| S111 | 324603 | curative hardener (cross adj2 linker) crosslinker ((curing hardening (cross adj2 linking) crosslinking) adj2 (agent promoter)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/06/14 13:01 |
| S112 | 8487   | (S103.ab. and S111.ab.) (S103 same S111)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/06/14 11:53 |
| S113 | 4273   | S91 with S111  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/06/14 11:53 |
| S114 | 759    | S112 and S113  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/06/14 11:53 |
| S115 | 115    | S114 and S100  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/06/14 11:53 |
| S116 | 50     | S114 and S100 and S97  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/06/14 11:53 |
| S117 | 40     | S91 with S111 with S100  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/06/14 13:02 |
| S118 | 20     | S117 and S103  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/06/14 13:05 |

## EAST Search History

|      |       |  |  |    |    |                  |
|------|-------|--|--|----|----|------------------|
| S119 | 20    | S117 not S118                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/06/14 13:07 |
| S120 | 65    | S115 not S116                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/06/14 13:07 |
| S121 | 3730  | (S92.ab. and S91.ab.) (S92 same S91)               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/06/14 13:16 |
| S122 | 92457 | (S92.ab. and S111.ab.) (S92 same S111)             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/06/14 13:16 |
| S123 | 93818 | S121 S122  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/06/14 13:16 |
| S124 | 1413  | S123 and (S91 same S111) and S103                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/06/14 13:17 |
| S125 | 905   | S123 and (S91 same S111) and S103 and S95          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/06/14 13:17 |
| S126 | 271   | S123 and (S91 same S111) and S103 and S100         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/06/14 13:17 |
| S127 | 174   | S123 and (S91 same S111) and S103 and S100 and S95 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/06/14 13:19 |
| S128 | 97    | S126 not S127                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/06/14 13:18 |
| S129 | 15992 | (cationic ionic) with (S95 S92)                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/06/14 13:20 |

## EAST Search History

|      |    |  |  |    |    |                  |
|------|----|--|--|----|----|------------------|
| S130 | 29 | S128 and S129                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/06/14 13:31 |
| S131 | 52 | S127 and S129                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/06/14 13:20 |
| S132 | 8  | "6218482"                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/06/14 13:34 |
| S133 | 3  | "6168864"                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/06/14 13:34 |
| S134 | 2  | wo-9807794-\$.did.                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/06/14 13:48 |
| S135 | 3  | "6201043"                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/06/14 13:57 |
| S136 | 5  | "6201043" us-20030127332-\$.did.               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/06/14 13:57 |
| S137 | 1  | S136 and S100                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/06/14 13:58 |
| S138 | 1  | S136 and S91                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/06/14 13:58 |
| S139 | 1  | S136 and S91 and S100                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/06/14 14:05 |
| S140 | 57 | nishiguchi-shigeo.in. nishiguchi-shigeo-\$.in. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/06/14 14:14 |

## EAST Search History

|      |       |  |  |    |     |                  |
|------|-------|--|--|----|-----|------------------|
| S141 | 110   | kamikado-koji.in. kamikado-koji-\$.in.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2007/06/14 14:14 |
| S142 | 82    | ijima-hideki.in. iijima-hideki-\$.in.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2007/06/14 14:14 |
| S143 | 12    | shimasaki-akihiko.in. shimasaki-akihiko-\$.in.                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2007/06/14 14:14 |
| S144 | 162   | hiraki-tadayoshi.in. hiraki-tadayoshi-\$.in.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2007/06/14 14:14 |
| S145 | 349   | S140 S141 S142 S143 S144   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2007/06/14 14:15 |
| S146 | 34453 | kansai.as.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2007/06/14 14:15 |
| S147 | 34566 | S145 S146  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2007/12/07 15:57 |
| S148 | 25    | S147 and S104 and S91 and S100   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2007/06/14 14:49 |
| S149 | 1     | wo-0164523-\$.did. wo-200164523-\$.did. wo-01064523-\$.did.<br>wo-2001064523-\$.did. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2007/06/14 14:49 |
| S150 | 1     | 2001-656750.NRAN.  | DERWENT  | OR | OFF | 2007/06/14 14:49 |